

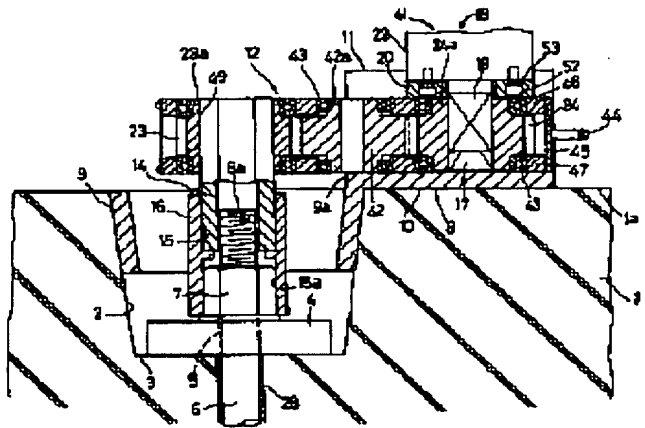
TENSIONING DEVICE OF PC BAR

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Abstract of JP8319721

PURPOSE: To tension a PC bar by easily and surely receiving rotational reaction of a torque wrench. **CONSTITUTION:** A reaction receiving frame 9 of a reaction receiving member 8 is non-rotationally fitted to a recessed part 2 of non-circular cross section to be formed on the outer side of a concrete structure 1. A gear case of a power transmission gear mechanism 12 is loaded on a reaction receiving support plate 10 integrated with the reaction receiving frame 9, and a rotary output square shaft 14 provided on an output gear 23 is connected to a stationary nut 7 screwed with a threaded part 6a of a PC bar 6 located in the non-circular recessed part 2 through a joint member 16 having an engagement square hole 15 on each end. A torque wrench 18 is loaded on the upper surface of the gear case, a rotary square shaft 19 is fitted to a square hole 17 of an input gear 24, and a rotation locking plate 20 provided on the torque wrench 18 is engaged with a reaction receiving erection plate which is erected from the reaction receiving support plate 10.



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